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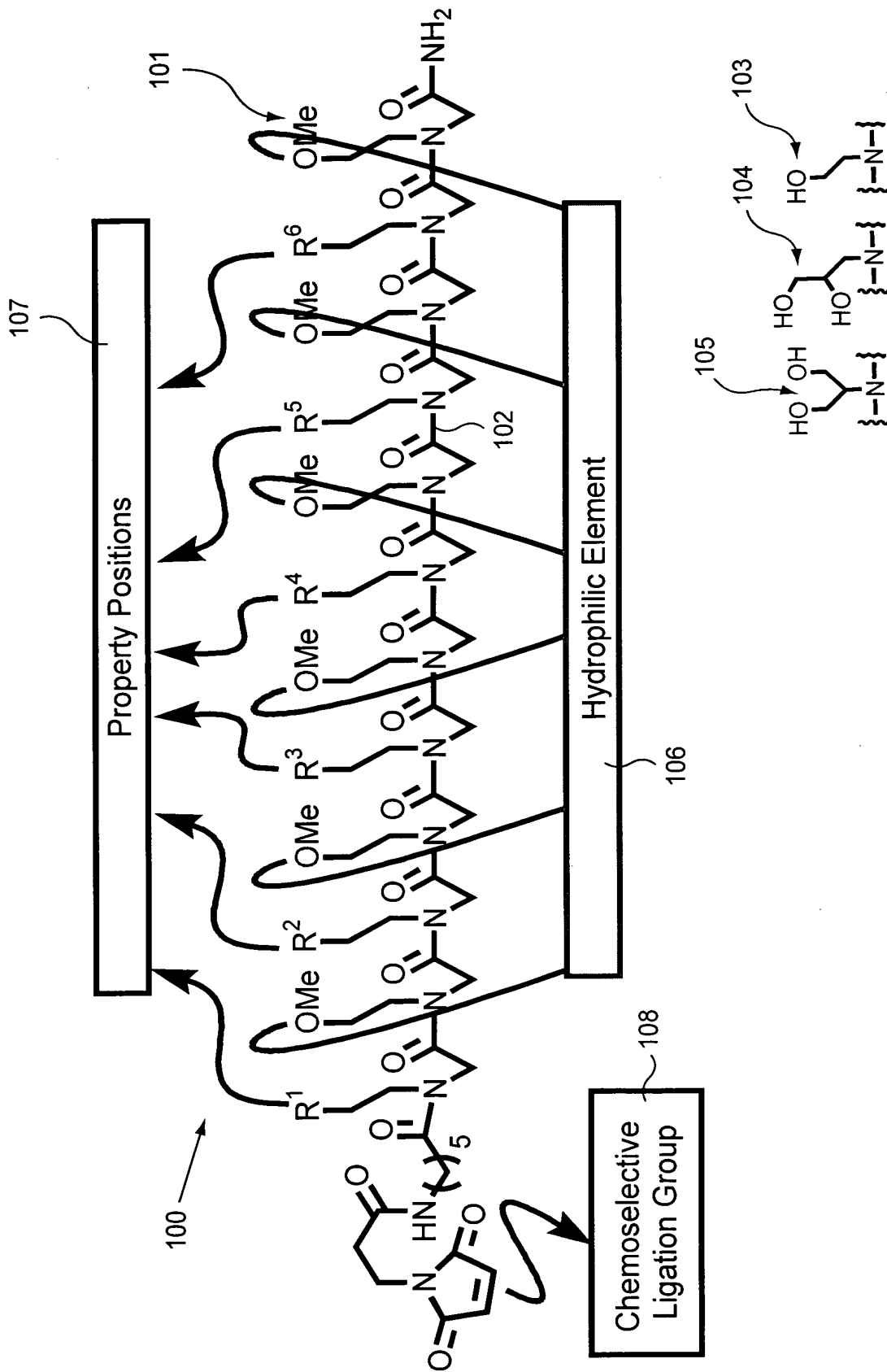


FIG. 1

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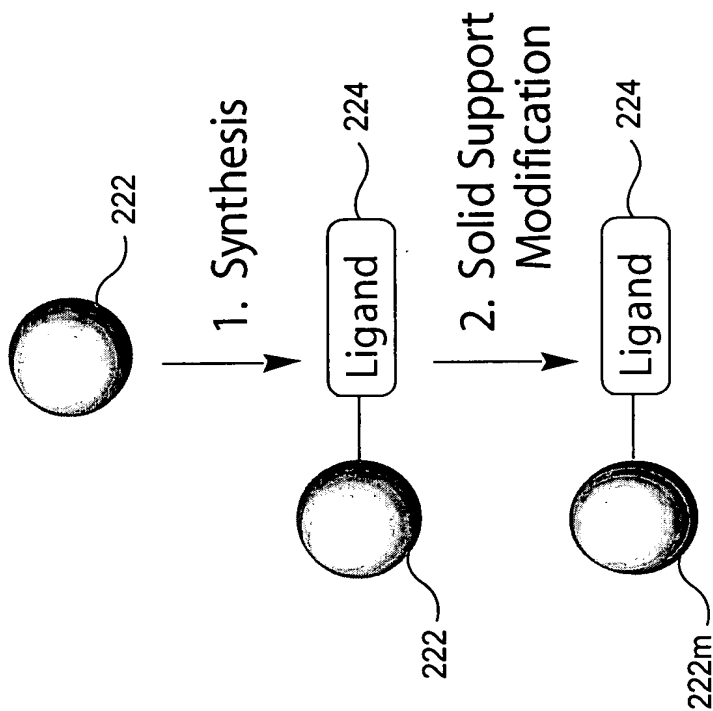


FIG. 2B

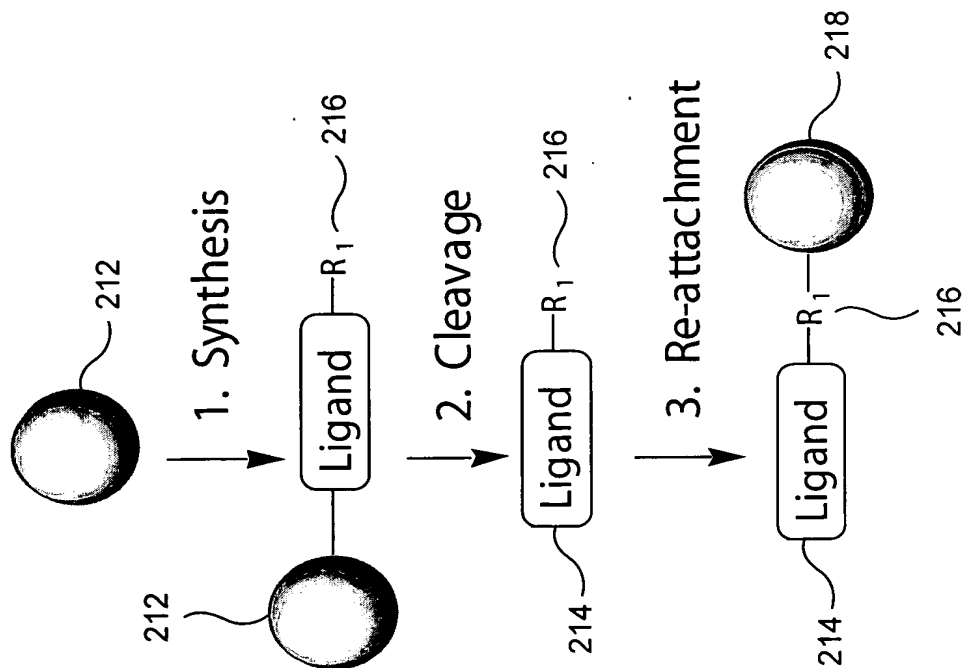


FIG. 2A

ANIONIC RESINS



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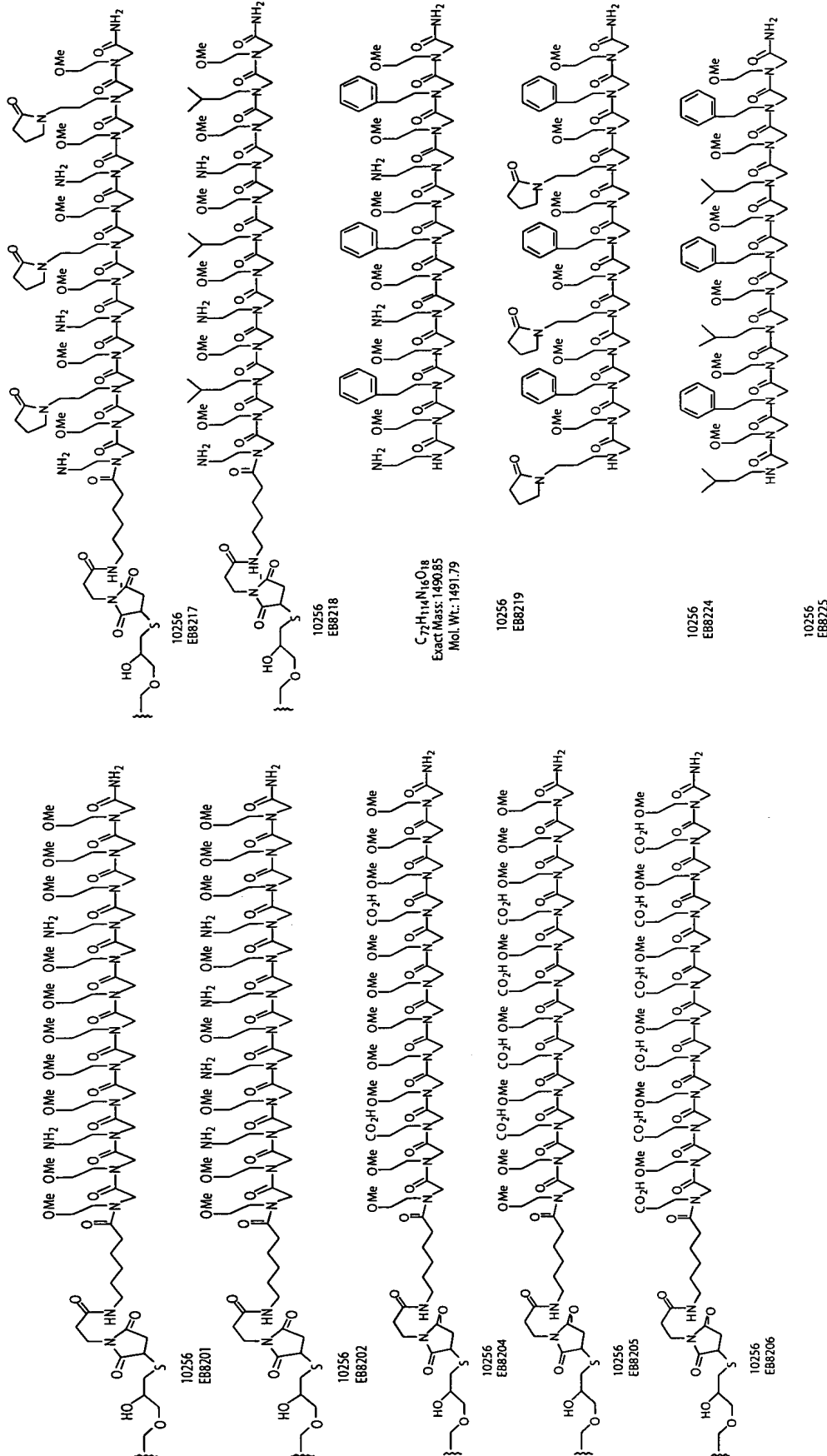


FIG. 3A



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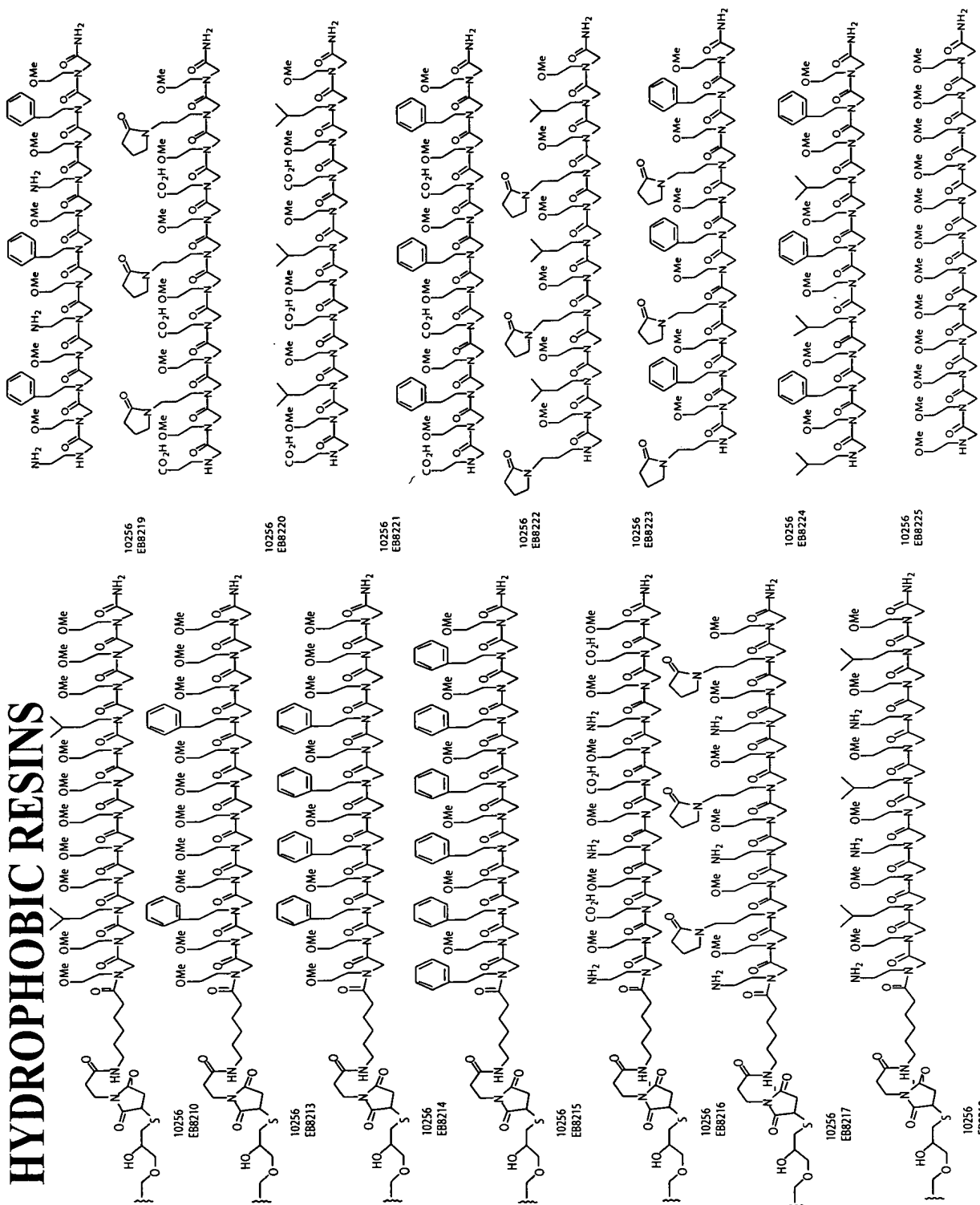


FIG. 3B



CATIONIC RESINS

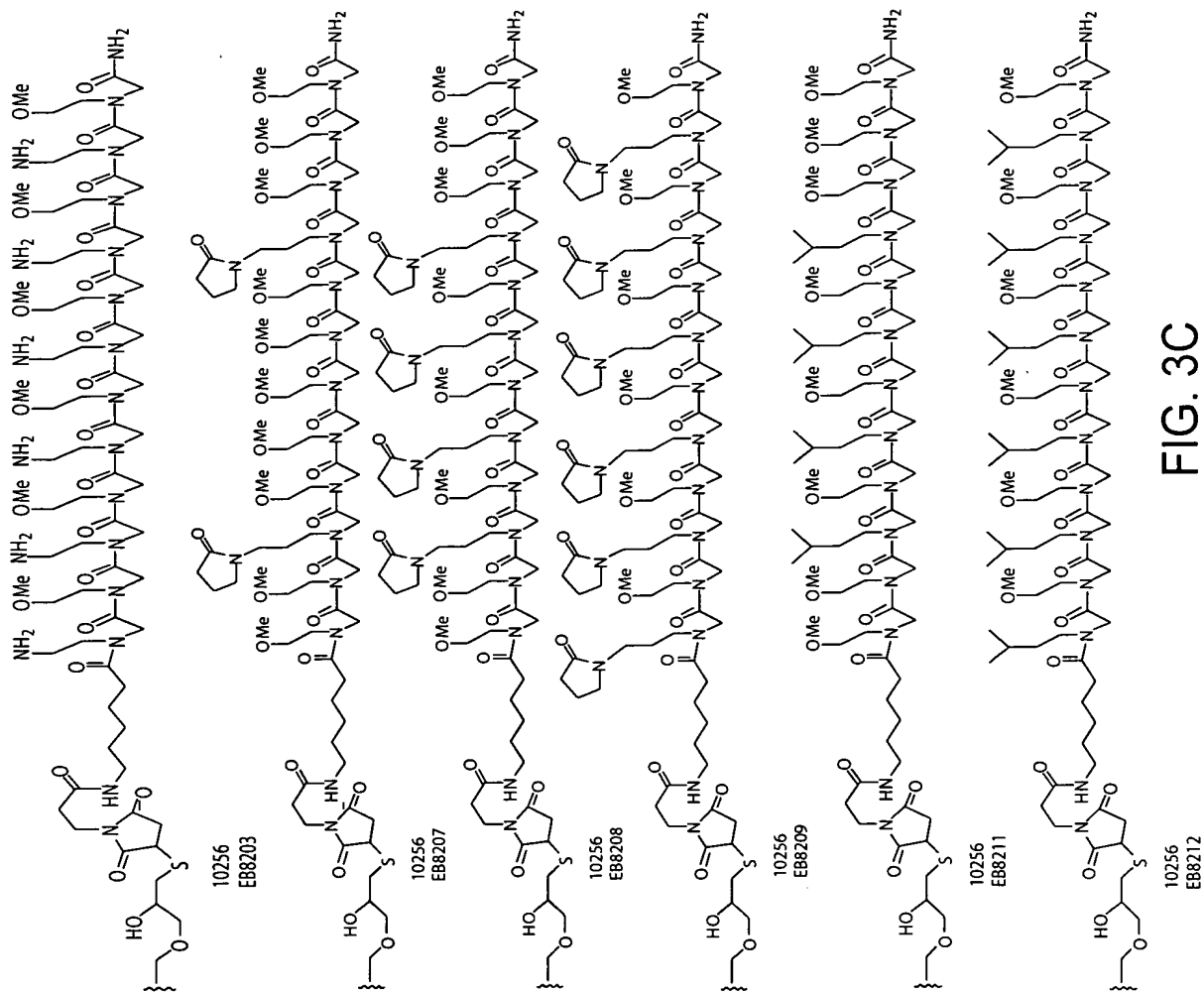


FIG. 3C



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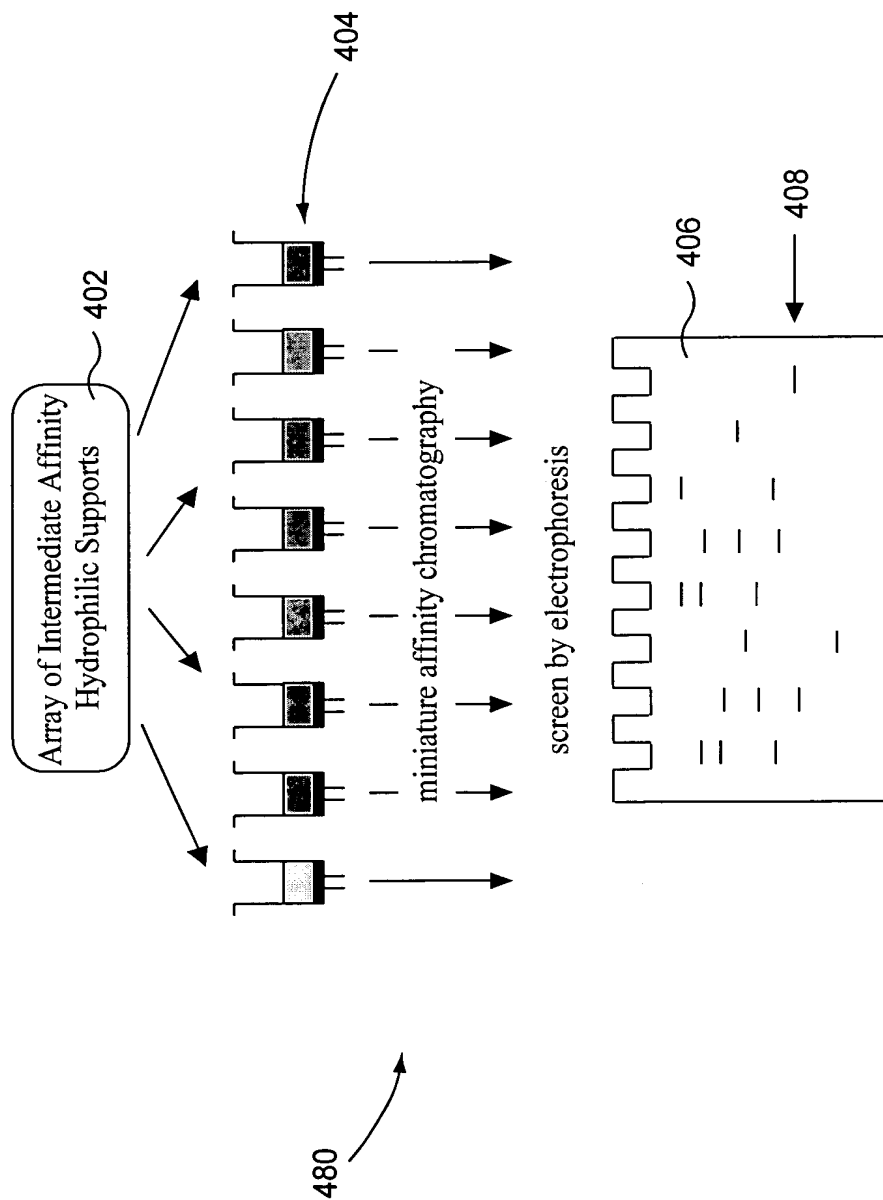


FIG. 4



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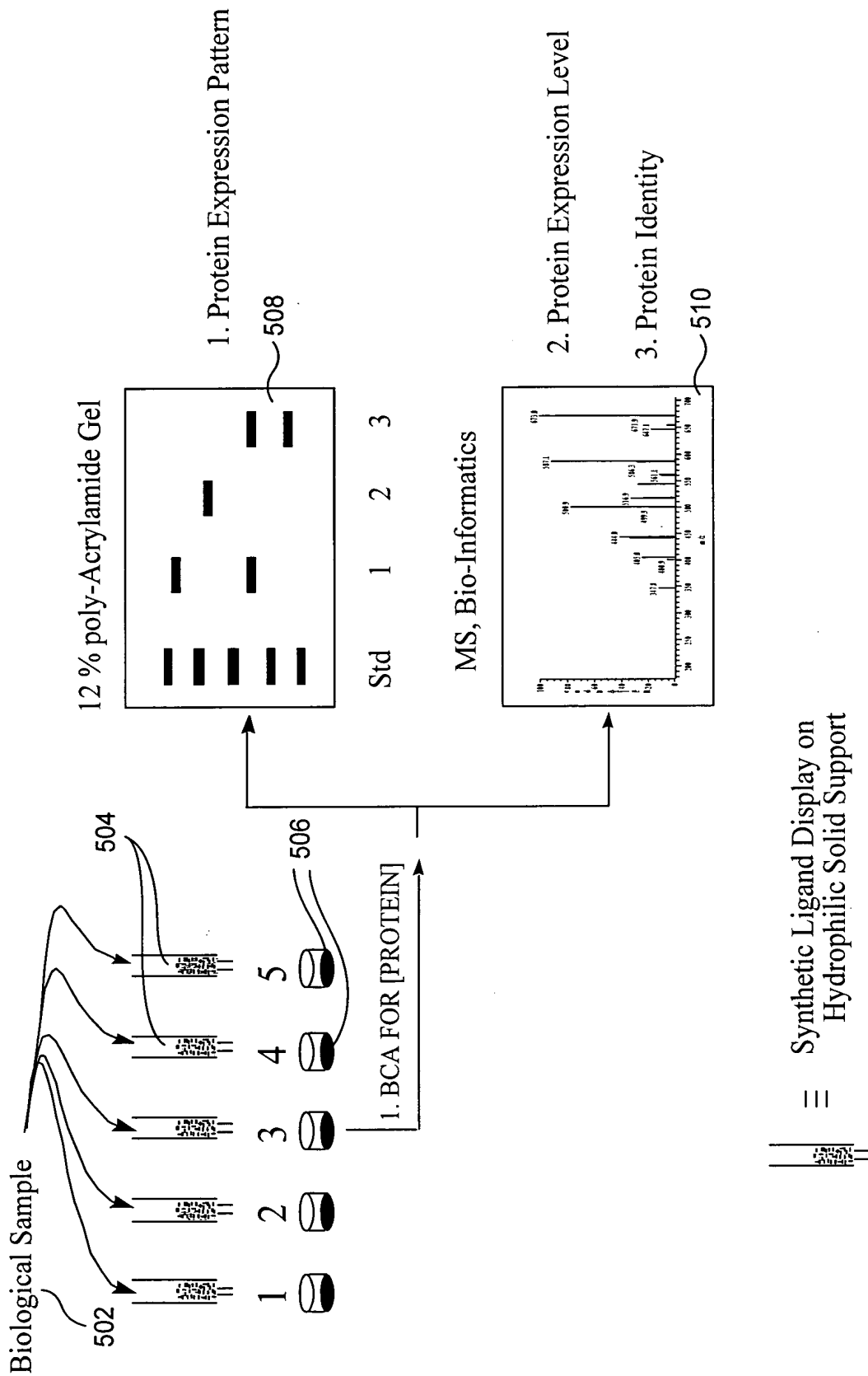


FIG. 5

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- A. Peptoid Synthesis (~400 mg)
Acylation
4.25 ml 1.2 M Bromoacetic Acid/DMF
1.0 ml neat DIC
1 x 40 minutes @ 35 C
Displacement
4.25 ml of 1M amine in NMP
1 x 40 minutes @ 35 C
- B. Acylation-Deprotection
1. N-(Fmoc)-Aminohexanoic acid (0.4 M), HOBT (0.4M), DIC (0.44M), @ 35 C, 1hr. Ninhydrin Test
2. 20% Piperidine in DMF (10 min)
- C. Acylation
1. 3-Maleimidopropionyl-OSu Ester (0.2 M, 4 eq.) @ 35 C, 1 hr
Ninhydrin Test
- D. Cleavage-Purification-Addition
1. 20 % [v/v] TFA/CH₂Cl₂, 20 ml, 30 minute, Filtration.
2. Fast Evaporation using N₂
3. 100 % AcOH (4mL) is added and Lyophilized.
4. 50 % [v/v] CH₃CN in H₂O (8mL) is added and Lyophilized
5. 200 % Mol Peptoid-Maleimide over the molar amount of sulfhydryl to be coupled. Monitoring with Ellman's reagent.

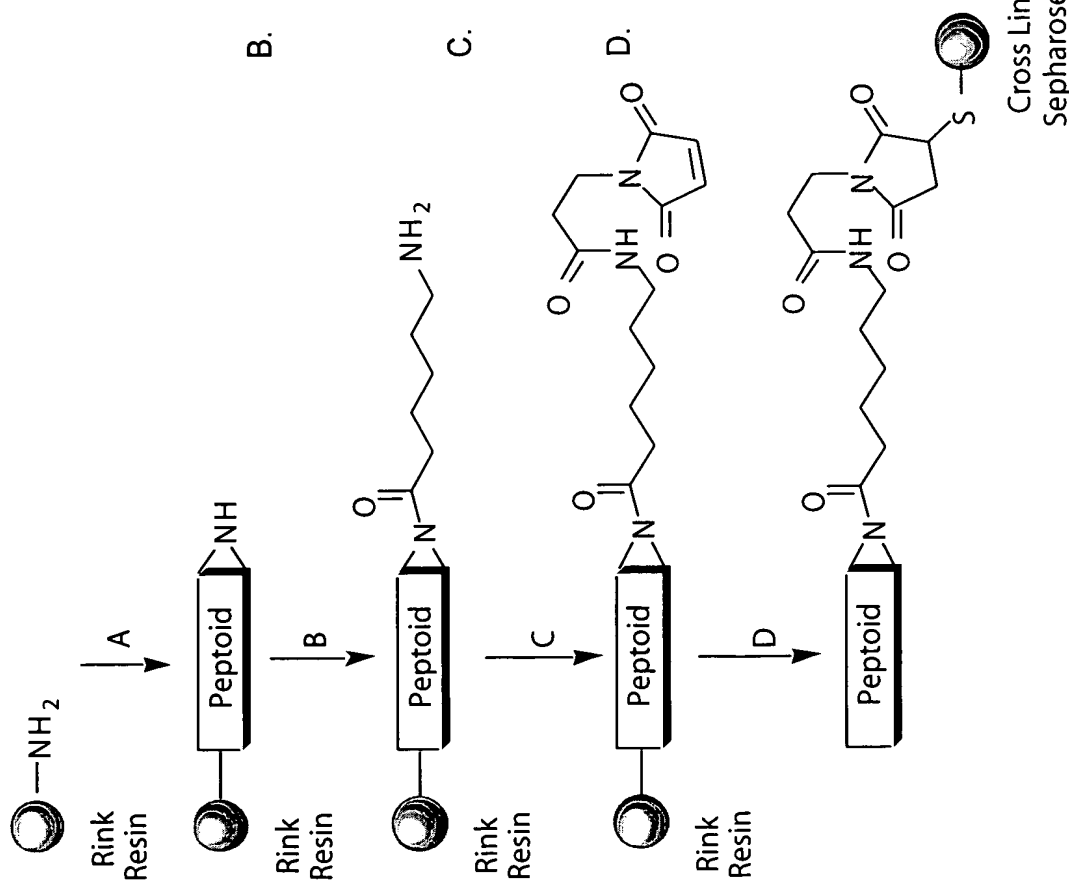


FIG. 6

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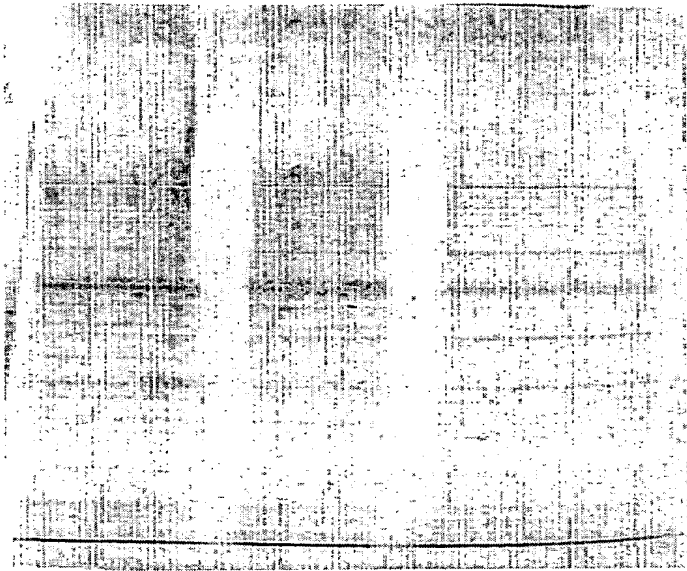


FIG. 7



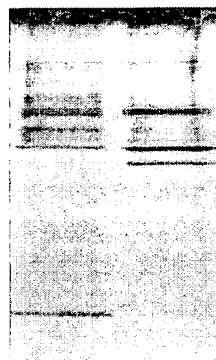
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Whole Cell
Lysate



100%

8224 8225



7% 11%

FIG. 8



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Protein Differential Display:
Proteomic differential display of Breast Cancer tissue:
Low Metastatic Vs. High Metastatic

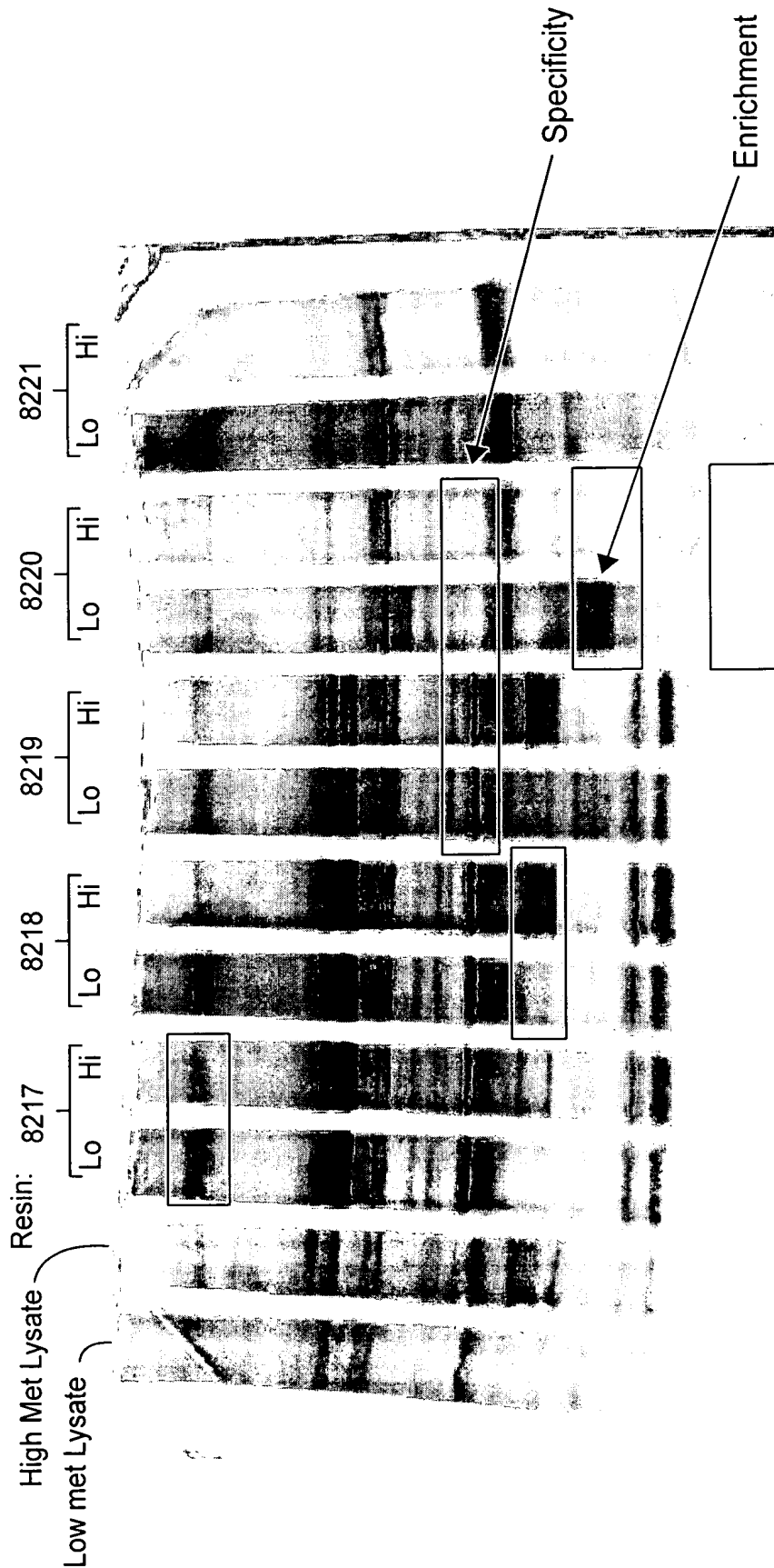


FIG. 9



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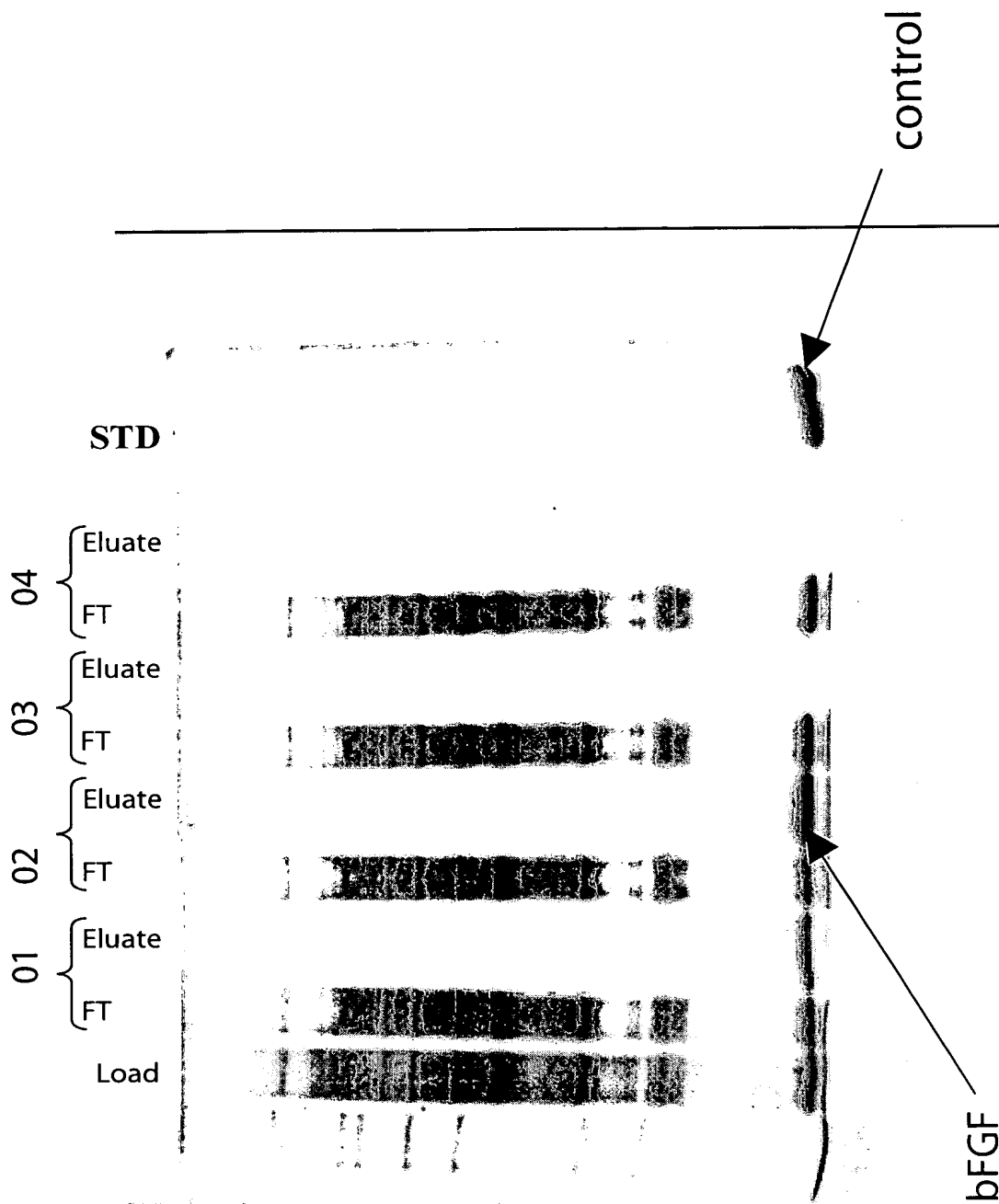


FIG. 10



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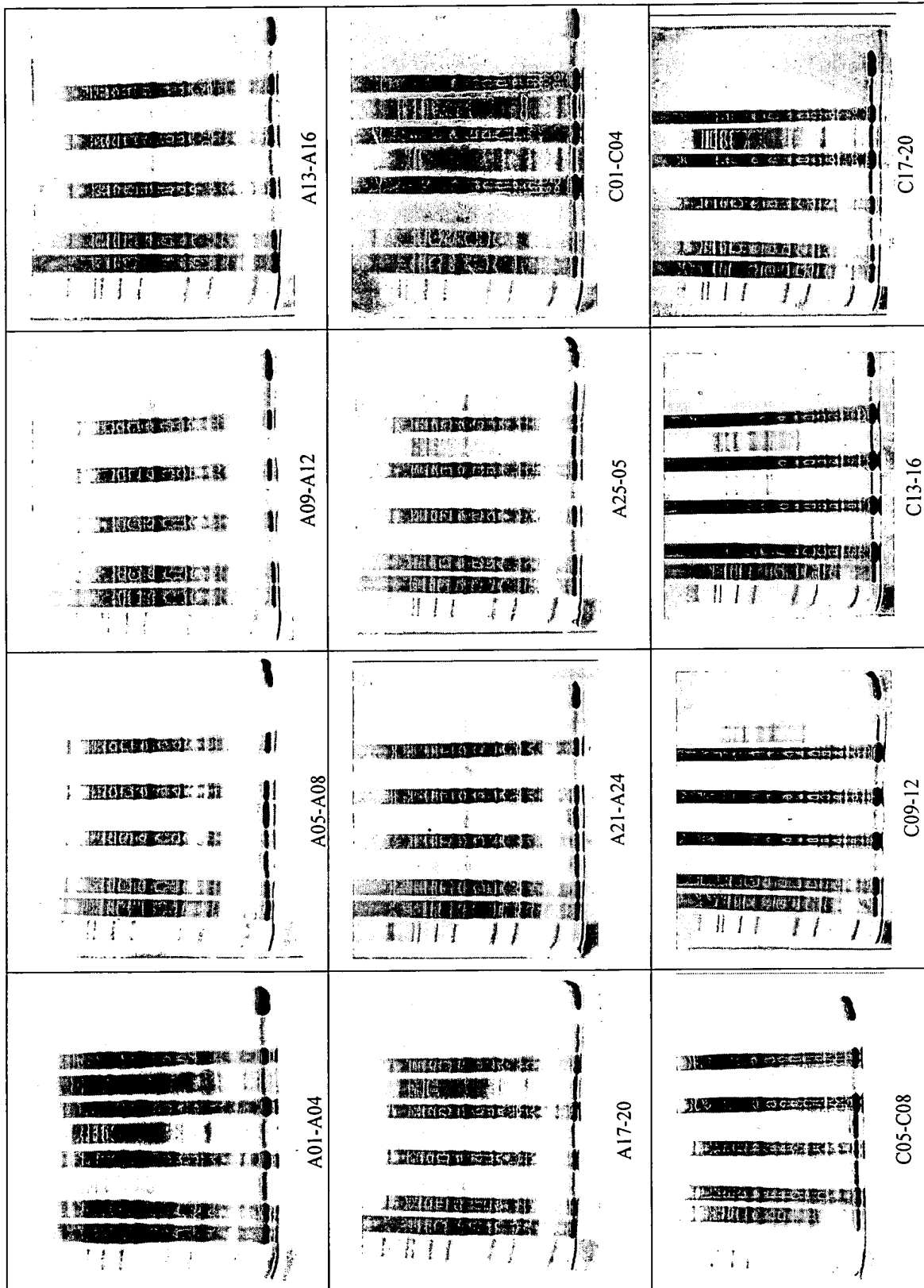


FIG. 11 (1)



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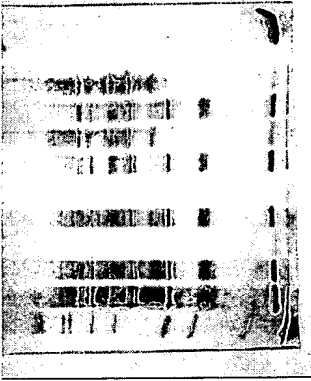
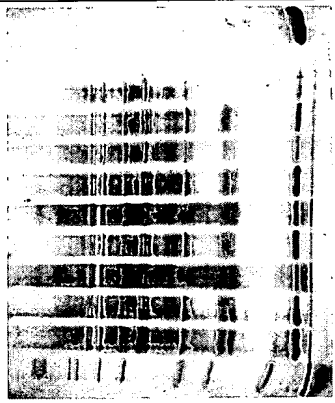
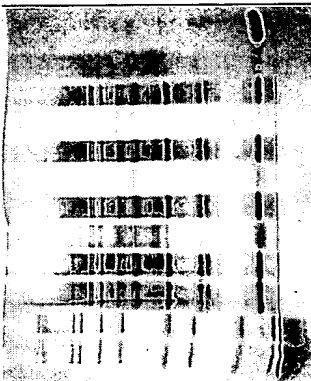
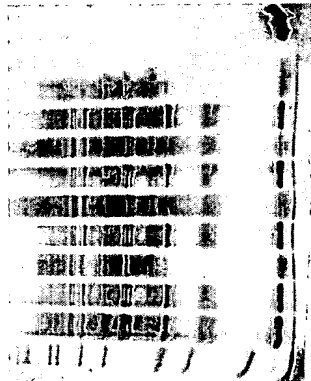
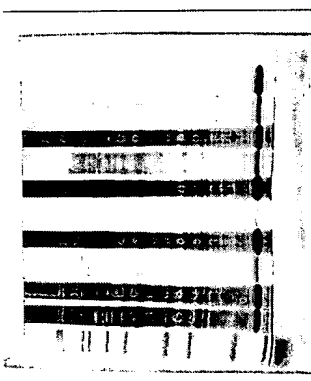

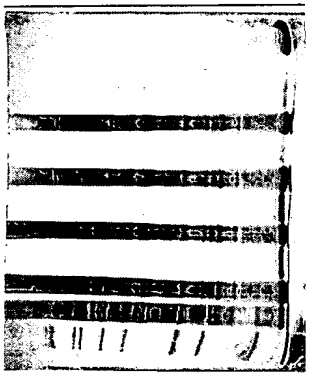
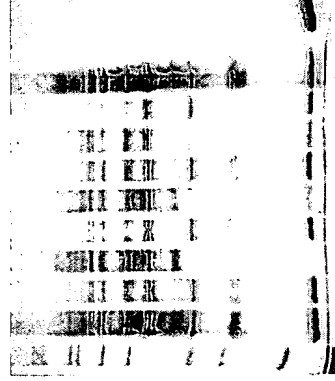
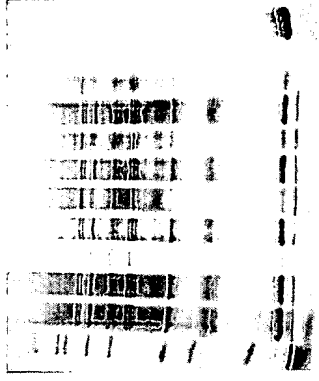
 <p>H05-08</p>	 <p>H21-24</p>	
 <p>H01-04</p>	 <p>H17-20</p>	Example A01-A04 means that columns 01, 02, 03, 04 were eluted under anion exchange conditions
 <p>C25</p>	 <p>H13-16</p>	Legend A means elution under anion exchange conditions. C means elution under cation exchange conditions. H means elution under hydrophobic affinity conditions. Number refers to column number
 <p>C20-14</p>	 <p>H09-12</p>	 <p>H25</p>

FIG. 11 (2)